



السيرة الذاتية

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تلقي د. صالح تعليمة الجامعي العالي في جامعات ريادية وذات سمعة مرموقة على مستوى بريطانيا. فقد منح درجة الماجستير من جامعة برمنجهام ومنح درجة الدكتوراه من جامعة كاردف في مجال التنمية المستدامة في الانشاءات الهندسية. وحصل خلال دراسته في بريطانيا على العديد من جوائز التفوق العلمي والبحثي. شارك بأوراق علمية في مؤتمرات دولية في أمريكا وبريطانيا وسويسرا ونشر عدد من الأبحاث العلمية المحكمة. كما أنشئ بيت للخبرة لتقديم الاستشارات والدراسات الهندسية في مجال التنمية المستدامة والتقييم البيئي.

1. المؤهلات | Qualification I

| | | |
|-------------------------------|--|------|
| University of Applied Science | Bachelor / B.Sc. | 2008 |
| | بكالوريوس الهندسة المدنية | |
| University of Birmingham -UK | Master / M.Sc. | 2010 |
| | ماجستير الهندسة المدنية وإدارة المشاريع | |
| University of Cardiff - UK | Doctorate / Ph.D. | 2015 |
| | دكتوراه الهندسة المدنية والتنمية المستدامة | |

2. الخبرات | Experiences I

مدير عام فرع هيئة التراث بنجران | Branch Manager

2022 to 2023

أستاذ مشارك | Associate Professor

2020

وكيل كلية الهندسة | Vice-Dean College of Engineering for development and quality

2020 to 2022

وكيل عمادة التطوير والجودة | Vice Dean of Development and Quality

2018 to 2020

رئيس وحدة الأبحاث للتنمية المستدامة
Green Research Unit | Director Of Sustainability and

2017 to 2021

أستاذ مساعد قسم الهندسة المدنية | Assistant Professor

2016

3. العضويات I Membership I

| مقرها | المنظمة | No |
|--------|-------------------------------------|----|
| الرياض | المنتدى السعودي للأبنية الخضراء | 1 |
| جدة | الجمعية السعودية للبيئة | 2 |
| لندن | BRE. British Research Establishment | 3 |
| الرياض | الهيئة السعودية للمهندسين | 4 |
| نجران | جمعية رعاية - مرضى السرطان | 5 |
| نجران | جمعية التاريخ والاثار | 6 |

4. الدورات التدريبية | Training Courses |

| تاريخها | مقرها | الدورة التدريبية | No |
|----------------|--------|--|----|
| 2016 | الرياض | تقييم أعضاء هيئة التدريس | 1 |
| 2016 | نجران | NCAAA معيار التعليم والتعلم | 2 |
| March. 2013 | لندن | BREEAM التقييم الدولي البيئي للأبنية والإنشاءات الهندسية | 3 |
| June. | لندن | تقييم كفاءة الطاقة في قطاع البناء والتشييد | 4 |
| 2014 | | IES-VE | |
| 2022 | الرياض | برنامج خبراء اليونسكو – وزارة الثقافة | 5 |
| 2022 | حائل | EIAتقييم الأثر البيئي | 6 |

5. جوائز التميز والتفوق العلمي

منح د. صالح درجة التفوق العلمي والبحثي في مرحلة الدكتوراه لثلاث سنوات على التوالي

Received distinction award for his PhD's progress three times: First (in 2012), Second (in 2013) and third (in 2014).

الأبحاث والمؤتمرات | Publications

1. **Alyami SH**, Rezgui Y (2012) Sustainable Building Assessment Tool Development Approach. Sustainable Cities and Society 5 (0):52-62. doi:<http://dx.doi.org/10.1016/j.scs.2012.05.004>. Elsevier.
2. **Alyami SH**, Rezgui Y. (2012), Critical Review of Well-known Environmental Assessment Tools: BREEAM, LEED, SBTool and CASBEE, Gulf Environmental Forum GEF 2012 Jeddah.
3. **Alyami SH**, Rezgui Y, Kwan A (2013) Developing sustainable building assessment scheme for Saudi Arabia: Delphi consultation approach. Renewable and Sustainable Energy Reviews 27:43-54: <http://dx.doi.org/10.1016/j.rser.2013.06.011>. Elsevier.
4. **Alyami SH**, Rezgui Y, Kwan A (2013), A consensus-based approach to test the applicability of international assessment schemes for Saudi Arabia context. Proceedings of CISBAT 2013 "CleanTech for Smart Cities & Buildings - From Nano to Urban Scale", EPFL, Lausanne, Switzerland, 4-6 September 2013, pp 655-660.
5. **Alyami SH**, Rezgui Y, Kwan A (2014). The development of sustainable assessment method for Saudi Arabia built environment: weighting system. DOI: 10.1007/s11625-014-0252-x. Sustainability science. Springer.
6. **Alyami SH**, Rezgui Y, Kwan A (2014). The process of adapting a sustainable building assessment method worldwide: SEAM a case study <http://dx.doi.org/10.1061/9780784413616.245>. American Society of Civil Engineer (ASCE), Florida, Orlando the USA, June 2014.
7. **S. H. Alyami**, (2017) "Sustainability of Application the Encountering Opportunities and Challenges Approach Study Case :Area Downtown Our in Development" The 1st International Engineering Conference and Exhibition. Saudi Council Of Engineers. Dec 2017 . Riyadh.
8. **S. H. Alyami** and E. J. Alreshidi, (2019). "Holistic IoT Architecture for Smart Sustainable Cities Current Perspective and Future Directions," 2019 6th International Conference on Computing for Sustainable Global Development (INDIACom), New Delhi, India, 2019, pp. 312-317. IEEE.
9. **Alyami, S.H.** (2019). Critical Analysis of Energy Efficiency Assessment by International Green Building Rating Tools and Its Effects on Local Adaptation. Arab J Sci Eng 44, 8599–8613 (2019). <https://doi.org/10.1007/s13369-019-03972-x> . Springer.

10. **S. H. Alyami**, (2019)"Opportunities and Challenges of Embracing Green City Principles in Saudi Arabia Future Cities," in IEEE Access, vol. 7, pp. 178584-178595, (2019), doi: 10.1109/ACCESS.2019.2959026.
11. Mostafa. A.S and **Alyami, S.H.**, (2020). Local Material Supporting the Use of Green Concrete Principles, Jokull , 4. Apr 2020, REYKJAVIK, ICELAND, ISSN 0449-0576
12. E. J. Alreshidi, **Alyami, S.H.**, (2020). End-Users' Requirements Underpinned by IoT Layered Architecture to the Development of Smart Sustainable Cities. The Journal of Engineering. 2020 – IET.
13. **Alyami, S.H.**, (2020). Applicability of LEED assessment criteria for the context of GCC countries, International Journal of Advanced and Applied Sciences (IJAAS). June-3 2020 <https://doi.org/10.21833/ijaas.2020.11.015>
14. Abd El Aal, A.K., Kamel, M. & **Alyami, S.H.**, (2020). Environmental Analysis of Land Use and Land Change of Najran City: GIS and Remote Sensing. Arab J Sci Eng 45, 8803–8816 (2020). <https://doi.org/10.1007/s13369-020-04884-x>
15. **S. H. Alyami**, (2020)" Zero Energy Buildings For The KSA The 2nd International Engineering Conference and Exhibition. Saudi Council Of Engineers. March 2020 Riyadh.
16. Aslam, F., Zaid, O., Althoey, F., **Alyami, S.H.**, Qaidi, S.M., de Prado Gil, J. and Martínez-García, R., 2022. Evaluating the influence of fly ash and waste glass on the characteristics of coconut fibers reinforced concrete. Structural Concrete.
17. Ghanim, A.A., Beddu, S., Abd Manan, T.S.B., **Al Yami, S.H.**, Irfan, M., Mursal, S.N.F., Mohd Kamal, N.L., Mohamad, D., Machmudah, A., Yavari, S. and Mohtar, W.H.M.W., 2022. Prediction of Runoff in Watersheds Located within Data-Scarce Regions. Sustainability, 14(13), p.7986.
18. He, C., Zhang, S., Liang, Y., Ahmad, W., Althoey, F., **Alyami, S.H.**, Javed, M.F. and Deifalla, A.F., 2022. A Scientometric Review on Mapping Research Knowledge for 3D Printing Concrete. Materials, 15(14), p.4796.
19. Naseer, M.N., Jaafar, J., Junoh, H., Zaidi, A.A., Kumar, M., Alqahtany, A., Jamil, R., **Alyami, S.H.** and Aldossary, N.A., 2022. Metal-Organic Frameworks for Wastewater Decontamination: Discovering Intellectual Structure and Research Trends. Materials, 15(14), p.5053.

20. Ansar, M., Sikandar, M.A., Althoey, F., Tariq, M.A.U.R., Alyami, S.H. and Elsayed Elkhatab, S., 2022. Rheological, Aging, and Microstructural Properties of Polycarbonate and Polytetrafluoroethylene Modified Bitumen. *Polymers*, 14(16), p.3283.
21. Naseer, M.N., Dutta, K., Zaidi, A.A., Asif, M., Alqahtany, A., Aldossary, N.A., Jamil, R., Alyami, S.H. and Jaafar, J., 2022. Research Trends in the Use of Polyaniline Membrane for Water Treatment Applications: A Scientometric Analysis. *Membranes*, 12(8), p.777.
22. Alnaim, A., AlQahtany, A.M., Alshammari, M.S., Al-Gehlani, W.A.G., Alyami, S.H., Aldossary, N.A. and Naseer, M.N., 2022. A Systematic Framework for Evaluating the Effectiveness of Dynamic Compaction (DC) Technology for Soil Improvement Projects Using Cone Penetration Test Data. *Applied Sciences*, 12(19), p.9686.
23. Alyami, S.H., Alqahtany, A., Ghanim, A.A., Elkhrachy, I., Alrawaf, T.I., Jamil, R. and Aldossary, N.A., 2022. Water Resources Depletion and Its Consequences on Agricultural Activities in Najran Valley. *Resources*, 11(12), p.122.
24. Alyami, S.H., Alqahtany, A., Ashraf, N., Osman, A., Aldossary, N.A., Almutlaqa, A., Al-Maziad, F., Alshammari, M.S. and Al-Gehlani, W.A.G., 2022. Impact of Location and Insulation Material on Energy Performance of Residential Buildings as per Saudi Building Code (SBC) 601/602 in Saudi Arabia. *Materials*, 15(24), p.9079.
25. Aldossary, N.A., Alzahrani, A.A., Alghamdi, J.K., Alqahtany, A., Jamil, R. and Alyami, S.H., 2022. A Procedural Framework to Identify Critical Indicators for the Protection of Environment and Ecosystem during Sustainable Urban Development in South-Western Saudi Arabia. *Sustainability*, 15(1), p.195.
26. Aldossary, N.A., AlQahtany, A.M. and Alyami, S.H., 2023. Locality of Residential Areas in COVID-19 Pandemic Conditions: Analysis of Neighborhoods and Housing Design in Saudi Arabia. *Infrastructures*, 8(1), p.9.
27. Alyami, S.H., Abd El Aal, A.K., Alqahtany, A., Aldossary, N.A., Jamil, R., Almohassen, A., Alzanifeer, B.M., Kamh, H.M., Fenais, A.S. and Alsalem, A.H., 2023. Developing a Holistic Resilience Framework for Critical Infrastructure Networks of Buildings and Communities in Saudi Arabia. *Buildings*, 13(1), p.179.
28. Nafees, A., Althoey, F., Sikandar, M.A., Alyami, S.H., Rehman, M.F., Javed, M.F. and Eldin, S.M., 2023. Plastic concrete mechanical properties prediction based on experimental data. *Case Studies in Construction Materials*, p.e01831.